

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A health monitoring system,
comprising:

i) a central server configured to receive health-related data;

5 ii) a monitoring device ~~(i)~~ (a) for monitoring a condition indicative of a physical well-being of a person and for producing digitally encoded health signals representative of said monitored condition, ~~(ii)~~ (b) being located near said person and ~~(iii)~~ (c) being remotely located from said server;

10 iii) a programmable microprocessor-based interactive unit that is (a) separate from said monitoring device, (b) located near said person, and (c) located remotely from said server, said programmable microprocessor-based interactive unit including a video display, ~~configured to display pictorial, symbolic, graphic~~
15 ~~and alphanumeric information, a plurality of switches operable for interactively controlling~~ said programmable microprocessor-based interactive unit ~~and~~ for manipulating information displayed ~~on said video display~~, and a memory, said memory tangibly embodying therein a program of instructions executable by said programmable
20 microprocessor-based interactive unit, said program of instructions including instructions for displaying information on said video

display in an interactive manner and causing communication of information to the central server; and

iv) a signal interface connectable in signal communication with said programmable microprocessor-based interactive unit and said monitoring device for communication of ~~coupling~~ said digitally encoded health signals supplied by said monitoring device to said programmable microprocessor-based interactive unit, wherein said programmable microprocessor-based
interactive unit wirelessly communicates with said central server.

2. (PREVIOUSLY PRESENTED) The system of claim 44, wherein the programmable microprocessor-based interactive unit receives user information in quantitative units.

3. (PREVIOUSLY PRESENTED) The system on claim 44, wherein the programmable microprocessor-based interactive unit receives user information in terms of exchange units or other suitable terms.

4. (PREVIOUSLY PRESENTED) The system of claim 44, wherein the programmable microprocessor-based interactive unit receives user information by selecting a menu item using a menu display.

5. (PREVIOUSLY PRESENTED) The system of claim 44, wherein the data related to the entered user information includes time-related data.

6. (CANCELED).

7. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the programmable microprocessor-based interactive unit is a handheld device.

8. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the programmable microprocessor-based interactive unit is a portable computer.

9. (CANCELED).

10. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the memory includes a removable cartridge.

11. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the system can process health related data into at least one report.

12. (ORIGINAL) The system of claim 11, wherein the report includes graphs and/or icons.

13. (ORIGINAL) The system of claim 11, wherein the report reflects data for a period of time.

14. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the system is configured to transmit at least one message for display on at least one said video display.

15. (ORIGINAL) The system of claim 14, wherein the message includes step-by-step instructions.

16. (ORIGINAL) The system of claim 14, wherein the message is educational or motivational.

17. (ORIGINAL) The system of claim 14, wherein the system is configured to cause the message to be transmitted to a specific patient.

18. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the system is further configured to enable programs to be provided from the server for storage in the memory of and execution by at least one programmable microprocessor-based interactive unit.

19. (CURRENTLY AMENDED) A method of remotely receiving health-related data, comprising:

(i) using at least one central server to receive health-related data;

5 (ii) using a monitoring device for (a) monitoring a condition indicative of a physical well-being of a person and (b) producing digitally encoded health signals representative of said monitored condition; and

10 (iii) using at least one programmable microprocessor-based interactive unit that is separate from said monitoring device, wherein said programmable microprocessor-based interactive unit includes a video display, ~~configured to display pictorial, symbolic, graphic and alphanumeric information, a plurality of switches operable for interactively controlling~~ said programmable microprocessor-based interactive unit ~~and~~ for manipulating information displayed ~~on said video display~~, and a memory, said memory tangibly embodying therein a program of instructions executable by said programmable microprocessor-based interactive unit, said program of instructions including instructions for
15 displaying information on said video display in an interactive manner and communicating information to the central server; and

20 (iv) communicating said digitally encoded health signals supplied by said monitoring device to said programmable

25 microprocessor-based interactive unit, wherein said programmable
 microprocessor-based interactive unit wirelessly communicates with
 said central server.

20. (PREVIOUSLY PRESENTED) The method of claim 46,
wherein the user enters user information in quantitatively defined
units.

21. (PREVIOUSLY PRESENTED) The method of claim 46,
wherein the user enters user information in terms of exchange units
or other suitable terms.

22. (PREVIOUSLY PRESENTED) The method of claim 46,
wherein the user enters user information by selecting a menu item
using a menu display.

23. (PREVIOUSLY PRESENTED) The method of claim 46,
wherein the data related to the entered user information includes
time-related data.

24. (CANCELED).

25. (PREVIOUSLY PRESENTED) The method of claim 19, wherein the programmable microprocessor-based interactive unit is a handheld device.

26. (PREVIOUSLY PRESENTED) The method of claim 19, wherein the programmable microprocessor-based interactive unit is a portable computer.

27. (CANCELED).

28. (PREVIOUSLY PRESENTED) The method of claim 19, wherein the memory includes a removable cartridge.

29. (PREVIOUSLY PRESENTED) The method of claim 19, further comprising processing health-related data to produce at least one report.

30. (ORIGINAL) The method of claim 29, wherein the report includes graphs and/or icons.

31. (ORIGINAL) The method of claim 29, wherein the report reflects data for a period of time.

32. (PREVIOUSLY PRESENTED) The method of claim 19, further comprising transmitting at least one message for display on said video display.

33. (ORIGINAL) The method of claim 32, wherein the message includes step-by-step instructions.

34. (ORIGINAL) The method of claim 32, wherein the message is educational or motivational.

35. (ORIGINAL) The method of claim 32, including causing the message to be transmitted to a specific patient.

36. (PREVIOUSLY PRESENTED) The method of claim 19, further comprising providing programs from the server for storage in a memory of and execution by at least one programmable microprocessor-based interactive unit.

37. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the programmable microprocessor-based interactive unit is sufficiently compact to be carried by a user.

38. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the microprocessor-based interactive unit communicates with said central server via RF transmission.

39. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the monitoring device communicates with said central server via RF transmission.

40. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the memory includes a program storage device.

41. (PREVIOUSLY PRESENTED) The system of claim 40, wherein the program storage device removably connects to a receptacle of said microprocessor device.

42. (PREVIOUSLY PRESENTED) The system of claim 41, wherein the program storage device comprises an insertable program card.

43. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the memory further embodies data comprising one or more of names, addresses, phone numbers and appointments.

44. (PREVIOUSLY PRESENTED) The system of claim 1,
wherein said program of instructions includes instructions for
prompting a user to enter user information, receiving the entered
user information and causing communication of data related to the
5 entered user information to the central server.

45. (PREVIOUSLY PRESENTED) The system of claim 44,
further comprising at least one health care computer, remotely
located from and in signal communication with the central server to
receive health related data based on said user information related
5 data received from the programmable microprocessor-based
interactive unit.

46. (PREVIOUSLY PRESENTED) The method of claim 19,
wherein said program of instructions includes instructions for
prompting a user to enter user information, receiving the entered
said user information, and communicating data related to the
5 entered user information to the central server.

47. (PREVIOUSLY PRESENTED) The method of claim 46,
further comprising:

using at least one health care professional computer
remotely located from and in signal communication with the central
5 server to receive health related data based on the user information

related data received from the programmable microprocessor-based interactive unit.

48. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said digitally encoded health signals are representative of a measurement selected from a group of measurements comprising (i) a blood glucose measurement, (ii) a respiratory measurement, (iii) a blood pressure measurement, (iv) a weight measurement, (v) a pulse rate measurement and (vi) a body temperature measurement.

49. (PREVIOUSLY PRESENTED) The method of claim 19, wherein said monitoring device produces digitally encoded health signals representative of a measurement selected from a group of measurements comprising (i) a blood glucose measurement, (ii) a respiratory measurement, (iii) a blood pressure measurement, (iv) a weight measurement, (v) a pulse rate measurement and (vi) a body temperature measurement.